



**INFORMATION CITED BY APPLICANT(S) THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION**

Applicants: Ortyn et al. Attorney Docket No. BIOL0082
 Serial No.: 10/822,170 Group Art Unit: 3662
 Filed: April 9, 2004 Examiner:
 Title: AUTO FOCUS FOR A FLOW IMAGING SYSTEM

U.S. PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Name	Class	Sub- Class
SY	US1	2002/0126275	09/12/2002	Johnson	356	317
SY	US2	2001/0006416	07/05/2001	Johnson	356	73
SY	US3	Re. 35,868	08/11/1998	Kosaka	250	574
SY	US4	2,772,479	12/04/1956	Doyle		
SY	US5	3,432,237	03/11/1969	Flower et al.	356	28
SY	US6	3,525,695	08/25/1970	Gamertsfelder et al.		
SY	US7	3,706,494	12/19/1972	Gardner		
SY	US8	3,711,200	01/16/1973	Maughmer	356	28
SY	US9	3,832,059	08/27/1974	Iten	356	28
SY	US10	3,856,403	12/24/1974	Maughmer et al.	356	28
SY	US11	3,922,069	11/25/1975	Kishikawa et al.	359	633
SY	US12	3,953,126	04/27/1976	Kim et al.	356	28
SY	US13	4,148,585	04/10/1979	Barger et al.	356	28.5
SY	US14	4,729,109	03/01/1998	Adrian et al.	364	560
SY	US15	4,770,992	09/13/1988	Van den Engh et al.	435	6
SY	US16	4,786,165	11/22/1988	Yamamoto et al.	356	23
SY	US17	5,014,131	05/07/1991	Reed et al.		
SY	US18	5,054,913	10/08/1991	Ishikawa et al.	356	28.5
SY	US19	5,096,807	03/17/1992	Leaback	435	6
SY	US20	5,141,609	08/25/1992	Sweedler et al.	356	344
SY	US21	5,159,397	10/27/1992	Kosaka et al.	356	73
SY	US22	5,159,398	10/27/1992	Maekawa et al.	356	73
SY	US23	5,159,642	10/27/1992	Kosaka	382	6
SY	US24	5,160,976	11/03/1992	Carr et al.	356	349
SY	US25	5,229,830	07/20/1993	Ishida et al.	356	28.5
SY	US26	5,247,339	09/21/1993	Ogino	356	73
SY	US27	5,247,340	09/21/1993	Ogino	356	73
SY	US28	5,272,354	12/21/1993	Kosaka	250	574
SY	US29	5,333,044	07/26/1994	Shaffer	356	28
SY	US30	5,422,712	06/06/1995	Ogino	356	73
SY	US31	5,444,527	08/22/1995	Kosaka	356	73

U.S. PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Name	Class	Sub- Class
<u>SY</u>	US32	5,471,294	11/28/1995	Ogino	356	73
<u>SY</u>	US33	5,491,642	02/13/1996	Wormell et al.		
<u>SY</u>	US34	5,548,395	08/20/1996	Kosaka	356	73
<u>SY</u>	US35	5,596,401	01/21/1997	Kusuzawa	356	23
<u>SY</u>	US36	5,633,503	05/27/1997	Kosaka	250	458.1
<u>SY</u>	US37	5,644,388	07/01/1997	Maekawa et al.	356	73
<u>SY</u>	US38	5,674,743	10/07/1997	Ulmer	435	287.2
<u>SY</u>	US39	5,695,934	12/09/1997	Brenner	435	6
<u>SY</u>	US40	5,754,291	05/19/1998	Kain	356	344
<u>SY</u>	US41	5,760,899	06/02/1998	Eismann	356	326
<u>SY</u>	US42	5,831,723	11/03/1998	Kubota et al.	356	73
<u>SY</u>	US43	5,848,123	12/08/1998	Strommer	378	98.8
<u>SY</u>	US44	5,855,753	01/04/1999	Trau et al.	204	484
<u>SY</u>	US45	5,859,694	01/12/1999	Galtier et al.	356	28.5
<u>SY</u>	US46	5,929,986	07/27/1999	Slater et al.	356	326
<u>SY</u>	US47	5,959,953	09/28/1999	Alon	369	44.41
<u>SY</u>	US48	5,982,478	11/09/1999	Ainsworth et al.		
<u>SY</u>	US49	6,007,994	12/28/1999	Ward et al.	435	6
<u>SY</u>	US50	6,014,468	01/11/2000	McCarthy et al.	382	254
<u>SY</u>	US51	6,066,459	05/23/2000	Garini et al.	435	6
<u>SY</u>	US52	6,116,739	09/12/2000	Ishihara et al.	353	31
<u>SY</u>	US53	6,156,465	12/05/2000	Cao et al.	430	30
<u>SY</u>	US54	6,210,973	04/03/2001	Pettit	436	172
<u>SY</u>	US55	6,211,955	04/03/2001	Basiji et al.	356	326
<u>SY</u>	US56	6,249,341	06/19/2001	Basiji et al.	356	73
<u>SY</u>	US57	6,256,096	07/03/2001	Johnson	356	335
<u>SY</u>	US58	6,330,081	12/11/2001	Scholten	358	463
<u>SY</u>	US59	6,381,363	04/30/2002	Murching et al.	382	164
<u>SY</u>	US60	6,522,781	02/18/2003	Norikane et al.	382	203

FOREIGN PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Publication Date	Country	Class	Sub- Class	Translation?
<u>SY</u>	F1	WO 00/42412	20.07.2000	PCT	GO1N 15/02	12	NO

OTHER INFORMATION

<u>SY</u>	O1	Kubota, Fumio et al. 1995. "Flow Cytometer and Imaging Device Used in Combination." <i>Cytometry</i> : 21:129-132.
-----------	----	--

OTHER INFORMATION

- SY 02 Kubota, F. 2003. "Analysis of red cell and platelet morphology using an imaging-combined flow cytometer." *Clin. Lab. Haem.*: 25:71-76.
- SY 03 Ong, Sim Heng. 1985. Development of a System for Imaging and Classifying Biological Cells in a Flow Cytometer. Doctor of Philosophy Thesis. University of Sydney, School of Electrical Engineering. (August)
- SY 04 Ong, S.H. et al. 1987. "Development of an Image Flow Cytometer." *Analytical and Quantitative Cytology and Histology. XIVth International Conference on Medical and Biological Engineering and the VIIth International Conference on Medical Physics*, Finland. (August): 375-382.
- SY 05 Ong, S.H. and P.M. Nickolls. 1991. "Optical Design in a Flow System For Imaging Cells." *Sciences in Medicine*: 14:2:74-80.
- SY 06 Ong, S.H. and P.M. Nickolls. 1994. "Analysis of MTF Degradation in the Imaging of Cells in a Flow System." *International Journal of Imaging Systems & Technology*: 5:243-250.
- SY 07 Satoh, Kaneo et al. 2002. "Small Aggregates of Platelets Can Be Detected Sensitive by a Flow Cytometer Equipped With an Imaging Device: Mechanisms of Epinephrine-Induced Aggregation and Antiplatelet Effects of Beraprost." *Cytometry*: 48:194-201.
- SY 08 Wang, Fu-sheng and Fumio Kubota. 2002. "A Novel Apoptosis Research Method With Imaging-Combined Flow Cytometer and HITC OR IR-125 Staining." *Cytometry*: 50:267-274.
- SY 09 Wietzorrek, Joachim et al. 1999. "A New Multiparameter Flow Cytometer: Optical and Electrical Cell Analysis in Combination With Video Microscopy in Flow." *Cytometry*: 35:291-301.


Examiner's Signature

11/24/04
Date

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MCK/RMA:KLP
8/18/2004